

BIOGRAPHICAL SKETCH

Spiros Efthimiopoulos

Name: Efthimiopoulos Spiros B.Sc., Ph.D.

POSITION TITLE: Professor

Personal Webpage:

EDUCATION /TRAINING

INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of Patras, Dept. of Biology	B.Sc.	1986	Biology
University of Patras, Dept. of Biology	Ph.D.	1991	Neurobiology

A. ACADEMIC AND PROFESSIONAL POSITIONS**POSITIONS HELD**

2013-σήμερα: Professor, University of Athens, Department of Biology
 2007-2013: Associate Professor, University of Athens, Department of Biology
 2001-2007: Assistant Professor, University of Athens, Department of Biology
 1996-present: Adjunct Assistant Professor, Mount Sinai School of Medicine, Dept. of Psychiatry.
 1994-1996: Res. Assistant Professor, Mount Sinai Sch. of Med., Dept. of Psychiatry.
 1991-1994: Visiting Scientist, Mount Sinai School of Medicine, Dept. of Psychiatry.

ADVISORY-ADMINISTRATIVE DUTIES

Member of the general assembly of the Department of Biology at the the National and Kapodistrian University of Athens
 Memembr of the Study Program Committee at the Department of Biology of the National and Kapodistrian University of Athens
 President of the Hellenic Society for Neurosciences
 Secretary of the Hellenic Society for Neurosciences
 President of the Hellenic Society for Biological Sciences
 Vice President of the Hellenic Society for Biological Sciences
 Member of the Scientific Committee of the Internationall Conference AD/PD
 President and member of the scientific conference organizing committees

B. RESEARCH INTERESTS

Molecular and Cellular biology of Alzheimer's Disease.
Interactions and function of Amyloid Precursor Protein.
Subcellular distribution and phosphorylation of tau.
Interactions, processing and posttranslational modifications of BRI2 protein

C. SELECTED PEER-REVIEWED PUBLICATIONS (max 10) (in chronological order).

1. Serum starvation induces BACE1 processing and secretion. *Curr Alzheimer Res.* 2017 14(4):453-459
2. Thysiadis S, Mpousis S, Avramidis N, Katsamakos S, Balomenos A, Remelli R, Efthimiopoulos S, Sarli V. (2016). Discovery of novel phenoxazinone derivatives as DKK1/LRP6 interaction inhibitors: Synthesis, biological evaluation and structure-activity relationships. *Bioorg Med Chem.* 2016 Mar 1;24(5):1014-22
3. Mpousis S, Thysiadis S, Avramidis N, Katsamakos S, Efthimiopoulos S, Sarli V. (2016). Synthesis and evaluation of gallocyanine dyes as potential agents for the treatment of Alzheimer's disease and related neurodegenerative tauopathies. *Eur J Med Chem.* 2016 Jan 27;108:28-38
4. Kyratzi E, Liakos A, Papadogiannaki G, Efthimiopoulos S. (2015). Structural and Regulatory Elements of the Interaction between Amyloid- β Protein Precursor and Homer3. *J Alzheimers Dis.* 2015 45(1):147-57.
5. Kyratzi E. & Efthimiopoulos S. (2014) Calcium regulates the interaction of Amyloid Precursor Protein with Homer3 protein. *Neurobiology of Aging* 35: 2053-2063.
6. Tsachaki M., Slavi N., Fotinopoulou A., Zarkou V., Ghiso J., Efthimiopoulos S., (2013). BRI2 interacts with BACE1 and reduces its cellular levels by reducing the levels of BACE1 mRNA and inducing its degradation through the lysosomal pathway. *Current Alzheimer's Disease Research* 10(5):532-541.
7. Chatzistavraki M., Kyratzi E., Fotinopoulou A., Papazafiri P., Efthimiopoulos S., (2013) Downregulation of APP enhances both calcium content of endoplasmic reticulum and acidic stores and the dynamics of store operated calcium channel activity. *Journal of Alzheimer's Disease* 34(2):407-15.
8. Papandreou MA., Tsachaki M., Efthimiopoulos S., Cordopatis P., Lamari FN., Margarity M. (2012). Cell-Line Specific Protection by Berry Polyphenols Against Hydrogen Peroxide Challenge and Lack of Effect on Metabolism of Amyloid Precursor Protein. *Phytotherapy Research* 26(7):956-63..
9. Papandreou MA., Tsachaki M., Efthimiopoulos S., Cordopatis P., Lamari FN., Margarity M. (2011). Memory enhancing effects of saffron in aged mice are correlated with antioxidant protection. *Behav Brain Res.* 219(2):197-204.
10. Tsachaki M, Serlidaki D, Fetani A, Zarkou V, Rozani I, Ghiso J, Efthimiopoulos S. (2011). Glycosylation of BRI2 on asparagine 170 is involved in its trafficking to the cell surface but not in its processing by furin or ADAM10. *Glycobiology*, 21(10):1382-8.